

**Amendment to the Agreement
Between
CTC Exchange Services, Inc.
and
BellSouth Telecommunications, Inc.
Dated December 4, 2002**

Pursuant to this Amendment, (the "Amendment"), CTC Exchnage Services, Inc. (CTCES), and BellSouth Telecommunications, Inc. (BellSouth), hereinafter referred to collectively as the "Parties", hereby agree to amend that certain Interconnection Agreement between the Parties dated December 4, 2002 (Agreement).

WHEREAS, BellSouth and CTCES have entered into good faith negotiations pursuant to the Act to renegotiate an interconnection agreement (New Agreement) to replace the existing interconnection agreement between the Parties, which expired on December 3, 2005, (Expired Agreement); and

WHEREAS, until such time as the Parties execute the New Agreement, BellSouth and CTCES shall continue to operate under the rates, terms and conditions of the Expired Agreement, except as set forth below; and

WHEREAS, on March 10, 2006, the Public Service Commission of South Carolina (Commission) issued Order No. 2006-136 in Docket No. 2004-316-C (Order), Proceeding to Consider Amendments to Interconnection Agreements Between BellSouth Telecommunications, Inc. and Competitive Local Exchange Carriers Due to Changes of Law.

WHEREAS, the Parties are obligated to amend the Agreement to bring it in compliance with the Commission's Order;

NOW, THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby covenant and agree as follows:

1. The Parties hereby agree to incorporate into the Agreement the contract provisions set forth in Exhibit A hereto, and such contract provisions shall apply to services provided in the State of South Carolina only.
2. The Parties hereby agree to incorporate into the Agreement the rates set forth in Exhibit B hereto, and such rates shall apply to services provided in the State of South Carolina only.
3. To the extent that such contract provisions or rates as set forth in Exhibits A and B hereto conflict with any other rates, terms and conditions in the Agreement, the contract provisions and rates in Exhibits A and B shall prevail in the State of South Carolina.
4. The Parties hereby agree to delete the following rates from Attachment 2, Exhibit B of the Agreement:

8XX Access Ten Digit Screening
Line Information Data Base (LIDB) Access
Calling Name (CNAM) Service
Selective Routing
AIN Selective Carrier Routing

5. The Parties also hereby agree to delete the following provisions and associated rates from Attachment 7 of the Agreement:

Optional Daily Usage File (ODUF);
Access Daily Usage File (ADUF);
Enhanced Optional Daily Usage File (EODUF) in their entirety

6. Further, to the extent that defined terms in this Amendment differ from defined terms in the Agreement, such defined terms in the Agreement shall be deemed to have the same meaning as the alternative defined terms in this Amendment to the extent necessary to give full effect to this Amendment consistent with the Public Service Commission of South Carolina's Order.
7. Network elements de-listed under Section 251(c)(3) should be removed from BellSouth's SQM/PMAP/SEEM plans.
8. This Amendment shall be deemed effective on March 11, 2006 (Effective Date).
9. The term of this Amendment shall be ninety (90) days after the date of the last signature or until the Parties execute the New Interconnection Agreement, whichever is sooner. The terms of this Agreement shall apply to the state of South Carolina.
10. All of the other provisions of the Agreement shall remain in full force and effect.
11. Either or both of the Parties are authorized to submit this Amendment to the state regulatory authority for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties have executed this Amendment the day and year written below.

BellSouth Telecommunications, Inc.

By: Kristen E. Shore

Name: Kristen E. Shore

Title: Director

Date: 5/7/06

CTC Exchange Services, Inc.

By: James E. Hausman

Name: JAMES E. HAUSMAN

Title: SUPV CFO

Date: 5/1/06

Attachment 2

Network Elements and Other Services

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ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES

1 Introduction

- 1.1 This Attachment sets forth rates, terms and conditions for unbundled network elements (Network Elements) and combinations of Network Elements (Combinations) that BellSouth offers to CTCES for CTCES's provision of Telecommunications Services in accordance with its obligations under Section 251(c)(3) of the Act. Additionally, this Attachment sets forth the rates, terms and conditions for other facilities and services BellSouth makes available to CTCES (Other Services). Additionally, the provision of a particular Network Element or Other Service may require CTCES to purchase other Network Elements or services. In the event of a conflict between this Attachment and any other section or provision of this Agreement, the provisions of this Attachment shall control.
- 1.2 CTCES shall not obtain a Network Element for the exclusive provision of mobile wireless services or interexchange services.
- 1.3 Conversion of Wholesale Services to Network Elements or Network Elements to Wholesale Services. Upon request, BellSouth shall convert a wholesale service, or group of wholesale services, to the equivalent Network Element or Combination that is available to CTCES pursuant to Section 251 of the Act and under this Agreement or convert a Network Element or Combination that is available to CTCES pursuant to Section 251 of the Act and under this Agreement to an equivalent wholesale service or group of wholesale services offered by BellSouth (collectively "Conversion"). BellSouth shall charge the applicable nonrecurring switch-as-is rates for Conversions to specific Network Elements or Combinations found in Exhibit B. BellSouth shall also charge the same nonrecurring switch-as-is rates when converting from Network Elements or Combinations. Any rate change resulting from the Conversion will be effective as of the next billing cycle following BellSouth's receipt of a complete and accurate Conversion request from CTCES. A Conversion shall be considered termination for purposes of any volume and/or term commitments and/or grandfathered status between CTCES and BellSouth. Any change from a wholesale service/group of wholesale services to a Network Element/Combination, or from a Network Element/Combination to a wholesale service/group of wholesale services, that requires a physical rearrangement will not be considered to be a Conversion for purposes of this Agreement. BellSouth will not require physical rearrangements if the Conversion can be completed through record changes only. Orders for Conversions will be handled in accordance with the guidelines set forth in the Ordering Guidelines and Processes and CLEC Information Packages as referenced in Sections 1.8.1 and 1.8.2 below.
- 1.4 Except to the extent expressly provided otherwise in this Attachment, CTCES may not maintain unbundled network elements or combinations of unbundled network elements, that are no longer offered pursuant to this Agreement

(collectively “Arrangements”). In the event BellSouth determines that CTCES has in place any Arrangements after the Effective Date of this Agreement, BellSouth will provide CTCES with thirty (30) days written notice to disconnect or convert such Arrangements. If CTCES fails to submit orders to disconnect or convert such Arrangements within such thirty (30) day period, BellSouth will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 1.4 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth’s tariffs. The applicable recurring tariff charge shall apply to each circuit as of the Effective Date of this Agreement.

- 1.5 Prior to submitting an order pursuant to this Agreement for high capacity (DS1 or above) Dedicated Transport or high capacity Loops, CTCES shall undertake a reasonably diligent inquiry to determine whether CTCES is entitled to unbundled access to such Network Elements in accordance with the terms of this Agreement. By submitting any such order, CTCES self-certifies that to the best of CTCES’s knowledge, the high capacity Dedicated Transport or high capacity Loop requested is available as a Network Element pursuant to this Agreement. Upon receiving such order, BellSouth shall process the request in reliance upon CTCES’s self-certification. To the extent BellSouth believes that such request does not comply with the terms of this Agreement, BellSouth shall seek dispute resolution in accordance with the General Terms and Conditions of this Agreement. In the event such dispute is resolved in BellSouth’s favor, BellSouth shall bill CTCES the difference between the rates for such circuits pursuant to this Agreement and the applicable nonrecurring and recurring charges for the equivalent tariffed service from the date of installation to the date the circuit is transitioned to the equivalent tariffed service. Within thirty (30) days following a decision finding in BellSouth’s favor, CTCES shall submit a spreadsheet identifying those non-compliant circuits to be transitioned to tariffed services or disconnected.

- 1.5.1 In the event that (1) BellSouth designates a wire center as non-impaired, (2) CLEC converts existing UNEs to other services or orders new services as services other than UNEs, (3) CLEC otherwise would have been entitled to UNEs in such wire center at the time alternative services were provisioned, and (4) BellSouth acknowledges or a state or federal regulatory body with authority determines that, at the time BellSouth designated such wire center as non-impaired, such wire center did not meet the FCC’s non-impairment criteria, then upon request of CLEC, BellSouth shall transition to UNEs any alternative services in such wire center that were established after such wire center was designated as non-impaired. In such instances, BellSouth shall refund CLEC the difference between the rate paid by CLEC for such services and the applicable UNE rate, including but not limited to any charges associated with the unnecessary conversion from UNE to other wholesale services.

1.6 BellSouth will perform Routine Network Modifications (RNM) in accordance with FCC 47 C.F.R. § 51.319 (a)(7) and (e)(4) for Loops and Dedicated Transport provided under this Attachment. If BellSouth has anticipated such RNM and performs them during normal operations and has recovered the costs for performing such modifications through the rates set forth in Exhibit B of Attachment 2 of the Agreement, then BellSouth shall perform such RNM at no additional charge. RNM shall be performed within the intervals established for the Network Element and subject to the performance measurements and associated remedies set forth in Attachment 9 of this Agreement to the extent such RNM were anticipated in the setting of such intervals. If BellSouth has not anticipated a requested network modification as being a RNM and has not recovered the costs of such RNM in the rates set forth in Exhibit B of Attachment 2 of the Agreement, then such request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request and, upon receipt of payment from CTCES, BellSouth shall perform the RNM.

1.7 Commingling of Services

1.7.1 Commingling means the connecting, attaching, or otherwise linking of a Network Element, or a Combination, to one or more Telecommunications Services or facilities that CTCES has obtained at wholesale from BellSouth, or the combining of a Network Element or Combination with one or more such wholesale Telecommunications Services or facilities. CTCES must comply with all rates, terms or conditions applicable to such wholesale Telecommunications Services or facilities.

1.7.2 Subject to the limitations set forth elsewhere in this Attachment, BellSouth shall not deny access to a Network Element or a Combination on the grounds that one or more of the elements: (1) is connected to, attached to, linked to, or combined with such a facility or service obtained from BellSouth; or (2) shares part of BellSouth's network with access services or inputs for mobile wireless services and/or interexchange services.

1.7.3 Unless otherwise agreed to by the Parties, the Network Element portion of a commingled circuit will be billed at the rates set forth in Exhibit B and the remainder of the circuit or service will be billed in accordance with BellSouth's tariffed rates or rates set forth in a separate agreement between the Parties.

1.7.4 When multiplexing equipment is attached to a commingled circuit, the multiplexing equipment will be billed from the same agreement or tariff as the higher bandwidth circuit. Central Office Channel Interfaces (COCI) will be billed from the same agreement or tariff as the lower bandwidth circuit.

1.7.5 Notwithstanding any other provision of this Agreement, BellSouth shall not be obligated to commingle or combine Network Elements or Combinations with any

service, network element or other offering that it is obligated to make available only pursuant to Section 271 of the Act.

- 1.7.6 Terms and conditions for order cancellation charges and Service Date Advancement Charges will apply in accordance with Attachment 6. The charges shall be as set forth in Exhibit B of Attachment 2 of the Agreement.

- 1.8 Ordering Guidelines and Processes

- 1.8.1 For information regarding Ordering Guidelines and Processes for various Network Elements, Combinations and Other Services, CTCES should refer to the “Guides” section of the BellSouth Interconnection Web site.

- 1.8.2 Additional information may also be found in the individual CLEC Information Packages located at the “CLEC UNE Products” on BellSouth’s Interconnection Web site at: www.interconnection.bellsouth.com/guides/html/unes.html.

2 Loops

- 2.1 General. The local loop Network Element is defined as a transmission facility that BellSouth provides pursuant to this Attachment between a distribution frame (or its equivalent) in BellSouth’s central office and the loop demarcation point at an End User premises (Loop). Facilities that do not terminate at a demarcation point at an End User premises, including, by way of example, but not limited to, facilities that terminate to another carrier’s switch or premises, a cell site, Mobile Switching Center or base station, do not constitute local Loops under Section 251, except to the extent that CLEC may require Loops to such locations for the purpose of providing telecommunications services to its personnel at those locations. The Loop Network Element includes all features, functions, and capabilities of the transmission facilities, including the network interface device, and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers (DSLAMs)), optronics and intermediate devices (including repeaters and load coils) used to establish the transmission path to the End User’s premises, including inside wire owned or controlled by BellSouth. CTCES shall purchase the entire bandwidth of the Loop and, except as required herein or as otherwise agreed to by the Parties, BellSouth shall not subdivide the frequency of the Loop.

- 2.1.1 The Loop does not include any packet switched features, functions or capabilities.

- 2.1.2 Fiber to the Home (FTTH) loops are local loops consisting entirely of fiber optic cable, whether dark or lit, serving an End User’s premises or, in the case of predominantly residential multiple dwelling units (MDUs), a fiber optic cable, whether dark or lit, that extends to the MDU minimum point of entry (MPOE).

Fiber to the Curb (FTTC) loops are local loops consisting of fiber optic cable connecting to a copper distribution plant that is not more than five hundred (500) feet from the End User's premises or, in the case of predominantly residential MDUs, not more than five hundred (500) feet from the MDU's MPOE. The fiber optic cable in a FTTC loop must connect to a copper distribution plant at a serving area interface from which every other copper distribution subloop also is not more than five hundred (500) feet from the respective End User's premises.

- 2.1.2.1 In new build (Greenfield) areas, where BellSouth has only deployed FTTH/FTTC facilities, BellSouth is under no obligation to provide Loops. FTTH facilities include fiber loops deployed to the MPOE of a MDU that is predominantly residential regardless of the ownership of the inside wiring from the MPOE to each End User in the MDU. Notwithstanding the foregoing, in such Greenfield areas that are served from an impaired wire center, BellSouth shall make available UNE DS1 Loops as described in this Attachment.
- 2.1.2.2 In FTTH/FTTC overbuild situations where BellSouth also has copper Loops, BellSouth will make those copper Loops available to CTCES on an unbundled basis, until such time as BellSouth chooses to retire those copper Loops using the FCC's network disclosure requirements. In these cases, BellSouth will offer a sixty-four (64) kilobits per second (kbps) voice grade channel over its FTTH/FTTC facilities.
- 2.1.2.3 Furthermore, in FTTH/FTTC overbuild areas where BellSouth has not yet retired copper facilities, BellSouth is not obligated to ensure that such copper Loops in that area are capable of transmitting signals prior to receiving a request for access to such Loops by CTCES. If a request is received by BellSouth for a copper Loop, and the copper facilities have not yet been retired, BellSouth will restore the copper Loop to serviceable condition if technically feasible. In these instances of Loop orders in an FTTH/FTTC overbuild area, BellSouth's standard Loop provisioning interval will not apply, and the order will be handled on a project basis by which the Parties will negotiate the applicable provisioning interval.
- 2.1.3 A hybrid Loop is a local Loop, composed of both fiber optic cable, usually in the feeder plant, and copper twisted wire or cable, usually in the distribution plant. BellSouth shall provide CTCES with nondiscriminatory access to the time division multiplexing features, functions and capabilities of such hybrid Loop, on an unbundled basis to establish a complete transmission path between BellSouth's central office and an End User's premises. Notwithstanding the foregoing, in an impaired wire center, BellSouth shall make available hybrid Loops as described in this Attachment.
- 2.1.4 Transition for DS1 and DS3 Loops
- 2.1.4.1 For purposes of this Section 2, the Transition Period for the Embedded Base of DS1 and DS3 Loops and for the Excess DS1 and DS3 Loops (defined in 2.1.4.3)

is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.

- 2.1.4.2 For purposes of this Section 2, Embedded Base means DS1 and DS3 Loops that were in service for CTCES as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in Sections 2.1.4.5.1 or 2.1.4.5.2 below. For the state of South Carolina, during the Transition Period CTCES shall be entitled to order and BellSouth shall provision moves, changes and additions of and to DS1 and DS3 Loops that CTCES orders for the purpose of serving CLEC's existing DS1 and DS3 End Users as of March 10, 2005, at such End Users' new or existing physical locations, and such facilities shall be included in the Embedded Base. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 2.1.4.3 Excess DS1 and DS3 Loops are those CTCES DS1 and DS3 Loops in service as of March 10, 2005, in excess of the caps set forth in Sections 2.2.6.2 and 2.2.12 below, respectively. Subsequent disconnects or loss of End Users shall be removed from Excess DS1 and DS3 Loops.
- 2.1.4.4 For purposes of this Section 2, a Business Line is defined in 47 C.F.R. § 51.5.
- 2.1.4.5 Notwithstanding anything to the contrary in this Agreement, and except as set forth in Section 2.1.4.12 below, BellSouth shall make available DS1 and DS3 Loops as described in this Section 2.1.4 only for CTCES's Embedded Base and Excess DS1 and DS3 loops during the Transition Period:
 - 2.1.4.5.1 DS1 Loops at any location within the service area of a wire center containing 60,000 or more Business Lines and four (4) or more fiber-based collocators.
 - 2.1.4.5.2 DS3 Loops at any location within the service area of a wire center containing 38,000 or more Business Lines and four (4) or more fiber-based collocators.
- 2.1.4.6 A list of wire centers meeting the criteria set forth in Sections 2.1.4.5.1 and 2.1.4.5.2 above as of March 10, 2005 (Initial Wire Center List) as ordered by the Public Service Commission of South Carolina in Docket No. 2004-316-C (Initial Wire Center List), is attached to BellSouth's Carrier Notification Letter SN91086058, dated March 20, 2006, which is available on BellSouth's Interconnection Services Web site.
- 2.1.4.7 Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for CTCES's Embedded Base of DS1 and DS3 Loops and CTCES's Excess DS1 and DS3 Loops described in this Section 2.1.4 shall be equal to the higher of 115% of the rate paid for that element on June 15, 2004 or 115% of a new rate the Commission establishes, if any, between June 16, 2004 and

March 11, 2005. These rates shall be as set forth in Exhibit B to Attachment 2 of the Agreement and this Section 2.1.4.7.

- 2.1.4.8 The Transition Period shall apply only to (1) CTCES's Embedded Base and (2) CTCES's Excess DS1 and DS3 Loops. CTCES shall not add new DS1 or DS3 loops as described in this Section 2.1.4 pursuant to this Agreement, except pursuant to the self-certification process as set forth in Section 1.8 of this Attachment and as set forth in Section 2.1.4.12 below.
- 2.1.4.9 Once a wire center exceeds both of the thresholds set forth in Section 2.1.4.5.1 above, no future DS1 Loop unbundling will be required in that wire center.
- 2.1.4.10 Once a wire center exceeds both of the thresholds set forth in Section 2.1.4.5.2 above, no future DS3 Loop unbundling will be required in that wire center.
- 2.1.4.11 No later than December 9, 2005 CTCES shall submit spreadsheet(s) identifying all of the Embedded Base of circuits and Excess DS1 and DS3 Loops to be either disconnected or converted to other BellSouth services pursuant to Section 1.3 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base and Excess DS1 and DS3 Loops.
- 2.1.4.11.1 If CTCES fails to submit the spreadsheet(s) specified in Section 2.1.4.11 above for all of its Embedded Base and Excess DS1 and DS3 Loops prior to December 9, 2005, BellSouth will identify CTCES's remaining Embedded Base and Excess DS1 and DS3 Loops, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 2.1.4.11.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 2.1.4.11.2 For Embedded Base circuits and Excess DS1 and DS3 Loops converted pursuant to Section 2.1.4.11 above or transitioned pursuant to Section 2.1.4.11.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or March 11, 2006.
- 2.1.4.12 Modifications and Updates to the Wire Center List and Subsequent Transition Periods
- 2.1.4.12.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Section 2.1.4.5 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in a carrier notification letter (CNL). Each such list of additional wire centers shall be considered a "Subsequent Wire Center List".

- 2.1.4.12.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to unbundle DS1 and/or DS3 Loops, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.5 of this Attachment.
- 2.1.4.12.3 For purposes of Section 2.1.4.12 above, BellSouth shall make available DS1 and DS3 Loops that were in service for CTCES in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 2.1.4.12.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 2.1.4.12.5 The rates set forth in Exhibit B of Attachment 2 of the Agreement plus 15% shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.
- 2.1.4.12.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List, CTCES shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
- 2.1.4.12.6.1 If CTCES fails to submit the spreadsheet(s) specified in Section 2.1.4.12.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify CTCES's remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 2.1.4.12.6.2 For Subsequent Embedded Base circuits converted pursuant to Section 2.1.4.12.6 above or transitioned pursuant to Section 2.1.4.12.6.1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.
- 2.2 Unbundled Digital Loops
 - 2.2.1 BellSouth will offer UDLs. UDLs are service specific, will be designed, will be provisioned with test points (where appropriate), and will come standard with OC

and a DLR. The various UDLs are intended to support a specific digital transmission scheme or service.

- 2.2.2 BellSouth shall make available the following UDLs, subject to restrictions set forth herein:
 - 2.2.2.1 2-wire Unbundled ISDN Digital Loop;
 - 2.2.2.2 2-wire Unbundled ADSL Compatible Loop;
 - 2.2.2.3 2-wire Unbundled HDSL Compatible Loop;
 - 2.2.2.4 4-wire Unbundled HDSL Compatible Loop;
 - 2.2.2.5 4-wire Unbundled DS1 Digital Loop;
 - 2.2.2.6 4-wire Unbundled Digital Loop/DS0 – 64 kbps, 56 kbps and below;
 - 2.2.2.7 DS3 Loop; or
 - 2.2.2.8 STS-1 Loop.
- 2.2.3 2-wire Unbundled ISDN Digital Loops. These will be provisioned according to industry standards for 2-Wire Basic Rate ISDN services and will come standard with a test point, OC, and a DLR. CTCES will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable Loop and End User. With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service.
- 2.2.4 2-wire ADSL-Compatible Loop. This is a designed Loop that is provisioned according to Revised Resistance Design (RRD) criteria and may be up to 18,000 feet long and may have up to 6,000 feet of bridged tap (inclusive of Loop length). The Loop is a 2-wire circuit and will come standard with a test point, OC, and a DLR.
- 2.2.5 2-wire or 4-wire HDSL-Compatible Loop. This is a designed Loop that meets Carrier Serving Area (CSA) specifications, may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of Loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, OC, and a DLR.
- 2.2.6 4-wire Unbundled DS1 Digital Loop.
 - 2.2.6.1 This is a designed 4-wire Loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, OC, and a DLR. A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic

transport systems. It will include a 4-wire DS1 Network Interface at the End User's location. For purposes of this Agreement, including the transition of DS1 and DS3 Loops described in Section 2.1.4 above, DS1 Loops include 2-wire and 4-wire copper Loops capable of providing high-bit rate digital subscriber line services, such as 2-wire and 4-wire HDSL Compatible Loops.

- 2.2.6.2 BellSouth shall not provide more than ten (10) unbundled DS1 Loops to CTCES at any single building in which DS1 Loops are available as unbundled Loops.
- 2.2.7 4-wire Unbundled Digital/DS0 Loop. These are designed 4-wire Loops that may be configured as sixty-four (64)kbps, fifty-six (56)kbps, nineteen (19)kbps, and other sub-rate speeds associated with digital data services and will come standard with a test point, OC, and a DLR.
- 2.2.8 DS3 Loop. DS3 Loop is a two-point digital transmission path which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of forty-four point seven thirty-six (44.736) megabits per second (Mbps) that is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.
- 2.2.9 STS-1 Loop. STS-1 Loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer for the purpose of provisioning local exchange and associated exchange access services. It is a two-point digital transmission path which provides for simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of fifty-one point eighty-four (51.84) Mbps. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface.
- 2.2.10 Both DS3 Loop and STS-1 Loop require a SI in order to ascertain availability.
- 2.2.11 DS3 services come with a test point and a DLR. Mileage is airline miles, rounded up and a minimum of one (1) mile applies. BellSouth's TR73501 LightGate[®] Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 services.
- 2.2.12 CTCES may obtain a maximum of a single Unbundled DS3 Loop to any single building in which DS3 Loops are available as Unbundled Loops.

2.2.13 Fiber based Collocator

2.2.13.1 For purposes of this Amendment a “Fiber-Based Collocator” is, as defined in 47 C.F.R. § 51.5, any carrier, unaffiliated with BellSouth, that maintains a collocation arrangement in a BellSouth wire center, with active electrical power supply, and operates a fiber-optic cable or comparable transmission facility that (1) terminates at a collocation arrangement within the wire center; (2) leaves the BellSouth wire center premises; and (3) is owned by a party other than BellSouth or any affiliate of BellSouth.

2.2.13.2 For purposes of this definition: (i) carriers that have entered into merger and/or other consolidation agreements, or otherwise announced their intention to enter into the same, will be treated as affiliates and therefore as one collocator; provided however, in the case one of the parties to such merger or consolidation arrangement is BellSouth, then the other party’s collocation arrangement shall not be counted as a Fiber-Based Collocator, (ii) a Comparable transmission Facility means, at a minimum, the provision of transmission capacity equivalent to fiber-optic cable with a minimum point-to-point symmetrical data capacity exceeding 12 DS3s; (iii) the network of a Fiber-Based Collocator may only be counted once in making a determination of the number of Fiber-Based Collocators, notwithstanding that such single Fiber-Based Collocator leases its facilities to other collocators in a single wire center; provided, however, that a collocating carrier’s dark fiber leased from an unaffiliated carrier may only be counted as a separate fiber-optic cable from the unaffiliated carrier’s fiber if the collocating carrier obtains this dark fiber on an IRU basis.

2.3 Unbundled Loop Modifications (Line Conditioning)

2.3.1 Line Conditioning is defined as routine network modification that BellSouth regularly undertakes to provide xDSL services to its own customers. This may include the removal of any device, from a copper Loop or copper Subloop that may diminish the capability of the Loop or Subloop to deliver high-speed switched wireline telecommunications capability, including xDSL service. Such devices include, load coils, excessive bridged taps, low pass filters, and range extenders. Excessive bridged taps are bridged taps that serves no network design purpose and that are beyond the limits set according to industry standards and/or the BellSouth’s TR73600 Unbundled Local Loop Technical Specification.

2.3.2 BellSouth will remove load coils only on copper Loops and Subloops that are less than eighteen thousand (18,000) feet in length.

2.3.3 For any copper loop being ordered by CTCES which has over six thousand (6,000) feet of combined bridged tap will be modified, upon request from CTCES,

so that the loop will have a maximum of six thousand (6,000) feet of bridged tap. This modification will be performed at no additional charge to CTCES. Loop conditioning orders that require the removal of bridged tap that serves no network design purpose on a copper Loop that will result in a combined total of bridged tap between two thousand five hundred (2,500) and six thousand (6,000) feet will be performed at the rates set forth in Exhibit B of Attachment 2 of the Agreement.

- 2.3.4 CTCES may request removal of any unnecessary and non-excessive bridged tap (bridged tap between zero (0) and two thousand five hundred (2,500) feet which serves no network design purpose), at rates pursuant to BellSouth's SC Process as mutually agreed to by the Parties.
- 2.3.5 Rates for ULM are as set forth in Exhibit B of Attachment 2 of the Agreement.
- 2.3.6 BellSouth will not modify a Loop in such a way that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ADSL, etc.) being ordered.
- 2.3.7 If CTCES requests ULM on a reserved facility for a new Loop order, BellSouth may perform a pair change and provision a different Loop facility in lieu of the reserved facility with ULM if feasible. The Loop provisioned will meet or exceed specifications of the requested Loop facility as modified. CTCES will not be charged for ULM if a different Loop is provisioned. For Loops that require a DLR or its equivalent, BellSouth will provide LMU detail of the Loop provisioned.
- 2.3.8 CTCES shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that CTCES desires BellSouth to condition.
- 2.3.9 When requesting ULM for a Loop that BellSouth has previously provisioned for CTCES, CTCES will submit a SI to BellSouth. If a spare Loop facility that meets the Loop modification specifications requested by CTCES is available at the location for which the ULM was requested, CTCES will have the option to change the Loop facility to the qualifying spare facility rather than to provide ULM. In the event that BellSouth changes the Loop facility in lieu of providing ULM, CTCES will not be charged for ULM but will only be charged the service order charges for submitting an order.

2.4 Subloop Elements.

- 2.4.1 Where facilities permit, BellSouth shall offer access to its Unbundled Subloop (USL) elements as specified herein.

2.5 Dark Fiber Loop

2.5.1 Dark Fiber Loop is an unused optical transmission facility, without attached signal regeneration, multiplexing, aggregation or other electronics, from the demarcation point at an End User's premises to the End User's serving wire center. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for CTCES to utilize Dark Fiber Loops.

2.5.2 Transition for Dark Fiber Loop

2.5.3 For purposes of this Section 2.5, the Transition Period for Dark Fiber Loops is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.

2.5.4 For purposes of this Section 2.5, Embedded Base means Dark Fiber Loops that were in service for CTC as of March 10, 2005. For the state of South Carolina, during the Transition Period <customer_short_name>> shall be entitled to order and BellSouth shall provision moves, changes and additions of and to Dark Fiber Loops that CTCES orders for the purpose of serving CLEC's existing Dark Fiber Loop End Users as of March 10, 2005, at such End Users' new or existing physical locations, and such facilities shall be included in the Embedded Base. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.

2.5.6 During the Transition Period only, BellSouth shall make available for the Embedded Base Dark Fiber Loops for CTCES at the terms and conditions set forth in this Attachment.

2.5.7 Notwithstanding the Effective Date of this Agreement, the rates for CTCES's Embedded Base of Dark Fiber Loops during the Transition Period shall be equal to the higher of 115% of the rate paid for that element on June 15, 2004 or 115% of a new rate the Commission establishes, if any, between June 16, 2004 and March 11, 2005. These rates shall be as set forth in Exhibit B to Attachment 2 of the Agreement and this Section 2.5.7.

2.5.8 The Transition Period shall apply only to CTCES's Embedded Base and CTCES shall not add new Dark Fiber Loops pursuant to this Agreement.

2.5.9 Effective September 11, 2006, Dark Fiber Loops will no longer be made available pursuant to this Agreement.

2.5.10 No later than June 10, 2006 CTCES shall submit spreadsheet(s) identifying all of the Embedded Base of circuits to be either disconnected or converted to other BellSouth services as Conversions pursuant to Section 1.3 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base.

- 2.5.11 If CTCES fails to submit the spreadsheet(s) specified in Section 2.5.10 above for all of its Embedded Base prior to June 10, 2006, BellSouth will identify CTCES's remaining Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 2.5.11 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 2.5.12 For Embedded Base circuits converted pursuant to Section 2.5.10 above or transitioned pursuant to Section 2.5.11 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or September 11, 2006.

3 Line Splitting

- 3.1 Line splitting shall mean that a provider of data services (a Data LEC) and a provider of voice services (a Voice CLEC) to deliver voice and data service to End Users over the same Loop. The Voice CLEC and Data LEC may be the same or different carriers.
- 3.2 Line Splitting – UNE-L. In the event CTCES provides its own switching or obtains switching from a third party, CTCES may engage in line splitting arrangements with another CLEC using a splitter, provided by CTCES, in a Collocation Space at the central office where the loop terminates into a distribution frame or its equivalent.
- 3.3 Provisioning Line Splitting and Splitter Space – UNE-L
- 3.3.1 The Voice CLEC provides the splitter when providing Line Splitting with UNE-L. When CTCES owns the splitter, Line Splitting requires the following: a loop from NID at the End User's location to the serving wire center and terminating into a distribution frame or its equivalent.
- 3.4 CLEC Provided Splitter – Line Splitting – UNE-L
- 3.4.1 To order High Frequency Spectrum on a particular Loop, CTCES must have a DSLAM collocated in the central office that serves the End User of such Loop.
- 3.4.2 CTCES may purchase, install and maintain central office POTS splitters in its collocation arrangements. CTCES may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures and the terms and conditions relating to Collocation set forth in Attachment 4-Central Office shall apply.

3.4.3 Any splitters installed by CTCES in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. CTCES may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate.

3.5 Maintenance – Line Splitting – UNE-L

3.5.1 BellSouth will be responsible for repairing voice troubles and the troubles with the physical loop between the NID at the End User's premises and the termination point.

3.5.2 CTCES shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, actions, causes of action, suits, demands, damages, injury, and costs including reasonable attorney fees, which arise out of actions related to the other service provider, except to the extent caused by BellSouth's gross negligence or willful misconduct.

4 EEL Audits

4.1 BellSouth may, on an annual basis, audit CTCES's records in order to verify compliance with the qualifying service eligibility criteria. The audit shall be conducted by a third party independent auditor, and the audit must be performed in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA). To the extent the independent auditor's report concludes that CTCES failed to comply with the service eligibility criteria, CTCES must true-up any difference in payments, convert all noncompliant circuits to the appropriate service, and make the correct payments on a going-forward basis. In the event the auditor's report concludes that CTCES did not comply in any material respect with the service eligibility criteria, CTCES shall reimburse BellSouth for the cost of the independent auditor. To the extent the auditor's report concludes that CTCES did comply in all material respects with the service eligibility criteria, BellSouth will reimburse CTCES for its reasonable and demonstrable costs associated with the audit. CTCES will maintain appropriate documentation to support its certifications.

4.2 In the event CTCES converts special access services to UNEs, CTCES shall be subject to the termination liability provisions in the applicable special access tariffs, if any.

5 Dedicated Transport and Dark Fiber Transport

5.1 Dedicated Transport. Dedicated Transport is defined as BellSouth's transmission facilities between wire centers or switches owned by BellSouth, or between wire centers or switches owned by BellSouth and switches owned by CTCES, including

but not limited to DS1, DS3 and OCn level services, as well as dark fiber, dedicated to CTCES. BellSouth shall not be required to provide access to OCn level Dedicated Transport under any circumstances pursuant to this Agreement. In addition, except as set forth in Section 5.2 below, BellSouth shall not be required to provide to CTCES unbundled access to interoffice transmission facilities that do not connect a pair of wire centers or switches owned by BellSouth ("Entrance Facilities").

5.2 Transition for DS1 and DS3 Dedicated Transport Including DS1 and DS3 Entrance Facilities

- 5.2.1 For purposes of this Section 5.2, the Transition Period for the Embedded Base of DS1 and DS3 Dedicated Transport, Embedded Base Entrance Facilities and for Excess DS1 and DS3 Dedicated Transport, is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.
- 5.2.2 For purposes of this Section 5.2, Embedded Base means DS1 and DS3 Dedicated Transport that were in service for CTCES as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in Sections 5.2.6.1 or 5.2.6.2 below. For the state of South Carolina, during the Transition Period CTCES shall be entitled to order and BellSouth shall provision moves, changes and additions of and to DS1 and DS3 Dedicated Transport that CTCES orders for the purpose of serving CLEC's existing DS1 and DS3 Dedicated Transport End Users as of March 10, 2005, at such End Users' new or existing physical locations, and such facilities shall be included in the Embedded Base. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 5.2.3 For purposes of this Section 5, Embedded Base Entrance Facilities mean Entrance Facilities that were in service for CTCES as of March 10, 2005. Subsequent disconnects or loss of customers shall be removed from the Embedded Base.
- 5.2.4 For purposes of this Section 5, Excess DS1 and DS3 Dedicated Transport mean those CTCES DS1 and DS3 Dedicated Transport facilities in service as of March 10, 2005, in excess of the caps set forth in Section 5.6 below. Subsequent disconnects and loss of End Users shall be removed from Excess DS1 and DS3 Loops.
- 5.2.5 For purposes of this Section 5.2, a Business Line is as defined in 47 C.F.R. § 51.5.
- 5.2.6 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dedicated Transport as described in this Section 5.2 only for CTCES's Embedded Base and Excess Dedicated Transport during the Transition Period:
- 5.2.6.1 DS1 Dedicated Transport where both wire centers at the end points of the route contain 38,000 or more Business Lines or four (4) or more fiber-based collocators.

- 5.2.6.2 DS3 Dedicated Transport where both wire centers at the end points of the route contain 24,000 or more Business Lines or three (3) or more fiber-based collocators.
- 5.2.6.3 A list of wire centers meeting the criteria set forth in Sections 5.2.6.1 or 5.2.6.2 above as of March 10, 2005, as ordered by the Public Service Commission of South Carolina in Docket No. 2004-316-C (Initial Wire Center List), is attached to BellSouth's Carrier Notification Letter SN91086058, dated March 20, 2006, which is available on BellSouth's Interconnection Services Web site.
- 5.2.6.4 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Entrance Facilities only for <CTCES's Embedded Base Entrance Facilities and only during the Transition Period.
- 5.2.6.5 Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for CTCES's Embedded Base of DS1 and DS3 Dedicated Transport, CTCES's Excess DS1 and DS3 Dedicated Transport, and CTCES's Embedded Base Entrance Facilities as described in this Section 5.2, shall be equal to the higher of 115% of the rate paid for that element on June 15, 2004 or 115% of a new rate the Commission establishes, if any, between June 16, 2004 and March 11, 2005. These rates shall be as set forth in Exhibit B to Attachment 2 of the Agreement and this Section 5.2.6.5.
- 5.2.6.6 The Transition Period shall apply only to (1) CTCES's Embedded Base and Embedded Base Entrance Facilities; and (2) CTCES's Excess DS1 and DS3 Dedicated Transport. CTCES shall not add new Entrance Facilities pursuant to this Agreement. Further, CTCES shall not add new DS1 or DS3 Dedicated Transport as described in this Section 5.2 pursuant to this Agreement, except pursuant to the self-certification process as set forth in Section 1.5 above of and as set forth in Section 5.2.6.10 below.
- 5.2.6.7 Once a wire center exceeds either of the thresholds set forth in Section 5.2.6.1 above, no future DS1 Dedicated Transport unbundling will be required in that wire center.
- 5.2.6.8 Once a wire center exceeds either of the thresholds set forth in Section 5.2.6.2 above, no future DS3 Dedicated Transport will be required in that wire center.
- 5.2.6.9 No later than December 9, 2005 CTCES shall submit spreadsheet(s) identifying all of the Embedded Base of circuits, Embedded Base Entrance Facilities, and Excess DS1 and DS3 Dedicated Transport to be either disconnected or converted to other BellSouth services pursuant to Section 1.3 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport.

- 5.2.6.9.1 If CTCES fails to submit the spreadsheet(s) specified in Section 5.2.6.9 above for all of its Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport prior to December 9, 2005, BellSouth will identify CTCES's remaining Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 5.2.6.9.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 5.2.6.9.2 For Embedded Base circuits, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport converted pursuant to Section 5.2.6.9 or transitioned pursuant to Section 5.2.6.9.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or March 11, 2006.
- 5.2.6.10 Modifications and Updates to the Wire Center List and Subsequent Transition Periods
- 5.2.6.10.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Sections 5.2.6.1 or 5.2.6.2 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in CNL. Each such list of additional wire centers shall be considered a Subsequent Wire Center List.
- 5.2.6.10.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to provide DS1 and DS3 Dedicated Transport, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.5 above.
- 5.2.6.10.3 For purposes of Section 5.2.6.10 above, BellSouth shall make available DS1 and DS3 Dedicated Transport that was in service for CTCES in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 5.2.6.10.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 5.2.6.10.5 The rates set forth in Exhibit B of Attachment 2 of the Agreement plus 15% shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.

- 5.2.6.10.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List CTCES shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
- 5.2.6.10.6.1 If CTCES fails to submit the spreadsheet(s) specified in Section 5.2.6.10.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify CTCES's remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 5.2.6.10.7 For Subsequent Embedded Base circuits converted pursuant to Section 5.2.6.10.6 above or transitioned pursuant to Section 5.2.6.10.6.1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.
- 5.3 BellSouth shall:
 - 5.3.1 Provide CTCES exclusive use of Dedicated Transport to a particular customer or carrier;
 - 5.3.2 Provide all technically feasible features, functions, and capabilities of Dedicated Transport as outlined within the technical requirements of this section;
 - 5.3.3 Permit, to the extent technically feasible, CTCES to connect Dedicated Transport to equipment designated by CTCES, including but not limited to, CTCES's collocated facilities; and
 - 5.3.4 Permit, to the extent technically feasible, CTCES to obtain the functionality provided by BellSouth's digital cross-connect systems.
- 5.4 BellSouth shall offer Dedicated Transport:
 - 5.4.1 As capacity on a shared facility; and
 - 5.4.2 As a circuit (i.e., DS0, DS1, DS3, STS-1) dedicated to CTCES.

- 5.5 Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as line terminating equipment, amplifiers, and regenerators.
- 5.6 CTCES may obtain a maximum of twelve (12) unbundled DS3 Dedicated Transport circuits on each route where DS3 Dedicated Transport is available as a Network Element, and a maximum of ten (10) unbundled DS1 Dedicated Transport circuits on each Route where there is no 251(c)(3) unbundling obligation for DS3 Dedicated Transport but for which impairment exists for DS1 Dedicated Transport. A route is defined as a transmission path between one of BellSouth's wire centers or switches and another of BellSouth's wire centers or switches. A route between two (2) points may pass through one or more intermediate wire centers or switches. Transmission paths between identical end points are the same "route", irrespective of whether they pass through the same intermediate wire centers or switches, if any.
- 5.7 Technical Requirements
- 5.7.1 BellSouth shall offer DS0 equivalent interface transmission rates for DS0 or voice grade Dedicated Transport. For DS1 or DS3 circuits, Dedicated Transport shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (CI to CO) connections in the applicable industry standards.
- 5.7.2 BellSouth shall offer the following interface transmission rates for Dedicated Transport:
- 5.7.2.1 DS0 Equivalent;
- 5.7.2.2 DS1;
- 5.7.2.3 DS3;
- 5.7.2.4 STS-1; and
- 5.7.2.5 SDH (Synchronous Digital Hierarchy) Standard interface rates are in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
- 5.7.3 BellSouth shall design Dedicated Transport according to its network infrastructure. CTCES shall specify the termination points for Dedicated Transport.
- 5.7.4 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references and BellSouth Technical References;

- 5.7.4.1 Telcordia TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
- 5.7.4.2 BellSouth's TR73501 LightGate® Service Interface and Performance Specifications, Issue D, June 1995.
- 5.7.4.3 BellSouth's TR73525 MegaLink® Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.
- 5.8 Dark Fiber Transport. Dark Fiber Transport is defined as Dedicated Transport that consists of unactivated optical interoffice transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics. Except as set forth in Section 5.8.1 below, BellSouth shall not be required to provide access to Dark Fiber Transport Entrance Facilities pursuant to this Agreement.
- 5.8.1 Transition for Dark Fiber Transport and Dark Fiber Transport Entrance Facilities
- 5.8.1.1 For purposes of this Section 5.8, the Transition Period for the Embedded Base of Dark Fiber Transport is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.
- 5.8.1.2 For purposes of this Section 5.8, Embedded Base means Dark Fiber Transport that was in service for CTCES as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in 5.8.1.4.1. For the state of South Carolina, during the Transition Period CTCES shall be entitled to order and BellSouth shall provision moves, changes and additions of and to Dark Fiber Transport that CTCES orders for the purpose of serving CLEC's existing Dark Fiber Transport End Users as of March 10, 2005, at such End Users' new or existing physical locations, and such facilities shall be included in the Embedded Base. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- 5.8.1.3 For purposes of this Section 5.8, a Business Line is as defined in 47 C.F.R. § 51.5.
- 5.8.1.4 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dark Fiber Transport as described in this Section 5.8 only for CTCES's Embedded Base during the Transition Period:
 - 5.8.1.4.1 Dark Fiber Transport where both wire centers at the end points of the route contain twenty-four thousand (24,000) or more Business Lines or three (3) or more fiber-based collocators.
 - 5.8.1.5 A list of wire centers meeting the criteria set forth in Section 5.8.1.4 above as of March 10, 2005, ("Initial List") as ordered by the Public Service Commission of

South Carolina in Docket No. 2004-316-C (Initial Wire Center List), is attached to BellSouth's Carrier Notification Letter SN91086058, dated March 20, 2006, which is available on BellSouth's Interconnection Services Web site.

- 5.8.1.6 Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for CTCES's Embedded Base of Dark Fiber Transport and CTCES's Embedded Base of Dark Fiber Transport Entrance Facilities as described in Section 5.8.1.2 above shall be equal to the higher of 115% of the rate paid for that element on June 15, 2004 or 115% of a new rate the Commission establishes, if any, between June 16, 2004 and March 11, 2005. These rates shall be as set forth in Exhibit B Attachment 2 of the Agreement and this Section 5.8.1.6.
- 5.8.1.7 The Transition Period shall apply only to CTCES's Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities. CTCES shall not add new Dark Fiber Transport as described in this Section 5.8 except pursuant to the self-certification process as set forth in Section 1.5 of this Attachment and as set forth in Section 5.8.1.10 below. Further, CTCES shall not add new Dark Fiber Entrance Facilities pursuant to this Agreement.
- 5.8.1.8 Once a wire center exceeds either of the thresholds set forth in this Section 5.8.1.4 above, no future Dark Fiber Transport unbundling will be required in that wire center.
- 5.8.1.9 No later than June 10, 2006 CTCES shall submit spreadsheet(s) identifying all of the Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities to be either disconnected or converted to other BellSouth services as Conversions pursuant to Section 1.3 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base.
- 5.8.1.9.1 If CTCES fails to submit the spreadsheet(s) specified in Section 5.8.1.9 above for all of its Embedded Base prior to June 10, 2006, BellSouth will identify CTCES's remaining Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 5.8.1.9.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 5.8.1.9.2 For Embedded Base circuits converted pursuant to Section 5.8.1.9 above or transitioned pursuant to Section 5.8.1.9.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or September 11, 2006.
- 5.8.1.10 Modifications and Updates to the Wire Center List and Subsequent Transition Periods

- 5.8.1.10.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Section 5.8.1.4.1 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in a CNL. Each such list of additional wire centers shall be considered a “Subsequent Wire Center List”.
- 5.8.1.10.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to provide unbundled access to Dark Fiber Transport, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.5 above.
- 5.8.1.10.3 For purposes of Section 5.8.1.10, BellSouth shall make available Dark Fiber Transport that were in service for CTCES in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth’s CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 5.8.1.10.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 5.8.1.10.5 The rates set forth in Exhibit B of Attachment 2 of the Agreement plus 15% shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.
- 5.8.1.10.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List CTCES shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
 - 5.8.1.10.6.1 If CTCES fails to submit the spreadsheet(s) specified in Section 5.8.1.10.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth’s CNL identifying the Subsequent Wire Center List, BellSouth will identify CTCES's remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
 - 5.8.1.10.6.2 For Subsequent Embedded Base circuits converted pursuant to Section 5.8.1.10.6 above or transitioned pursuant to Section 5.8.1.10.6.1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is

converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.

6 Automatic Location Identification/Data Management System

6.1 911 and E911 Databases

6.1.1 BellSouth shall provide CTCES with nondiscriminatory access to 911 and E911 databases on an unbundled basis, in accordance with 47 C.F.R. § 51.319 (f).

6.1.2 The ALI/DMS database contains End User information (including name, address, telephone information, and sometimes special information from the local service provider or End User) used to determine to which PSAP to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911. CTCES will be required to provide the BellSouth 911 database vendor daily service order updates to E911 database in accordance with Section 6.2.1 below.

6.2 Technical Requirements

6.2.1 BellSouth's 911 database vendor shall provide CTCES the capability of providing updates to the ALI/DMS database through a specified electronic interface. CTCES shall contact BellSouth's 911 database vendor directly to request interface. CTCES shall provide updates directly to BellSouth's 911 database vendor on a daily basis. Updates shall be the responsibility of CTCES and BellSouth shall not be liable for the transactions between CTCES and BellSouth's 911 database vendor.

6.2.2 It is CTCES's responsibility to retrieve and confirm statistical data and to correct errors obtained from BellSouth's 911 database vendor on a daily basis. All errors will be assigned a unique error code and the description of the error and the corrective action is described in the CLEC Users Guide for Facility Based Providers that is found on the BellSouth Interconnection Web site.

6.2.3 CTCES shall conform to the BellSouth standards as described in the CLEC Users Guide to E911 for Facilities Based Providers that is located on the BellSouth's Interconnection Web site: www.interconnection.bellsouth.com/guides.

6.2.4 Stranded Unlocks are defined as End User records in BellSouth's ALI/DMS database that have not been migrated for over ninety (90) days to CTCES, as a new provider of local service to the End User. Stranded Unlocks are those End User records that have been "unlocked" by the previous local exchange carrier that provided service to the End User and are open for CTCES to assume responsibility for such records.

6.2.5 Based upon End User record ownership information available in the NPAC database, BellSouth shall provide a Stranded Unlock annual report to CTCES that

reflects all Stranded Unlocks that remain in the ALI/DMS database for over ninety (90) days. CTCES shall review the Stranded Unlock report, identify its End User records and request to either delete such records or migrate the records to CTCES within two (2) months following the date of the Stranded Unlock report provided by BellSouth. CTCES shall reimburse BellSouth for any charges BellSouth's database vendor imposes on BellSouth for the deletion of CTCES's records.

UNBUNDLED NETWORK ELEMENTS - South Carolina											Attachment: 2 Exh A					
CATEGORY	RATE ELEMENTS				Interim	Zone	BCS	USOC	RATES(\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l

UNBUNDLED NETWORK ELEMENTS - South Carolina										Attachment: 2 Exh A		Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l		
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR			Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
							First	Add'l	First	Add'l	SOME	SOMAN	SOMAN	SOMAN	SOMAN
	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS1)			NTCD1	URESP		26.37	4.99							
	CLEC to CLEC Conversion Charge without outside dispatch			NTCD1	UREWO		101.30	43.13							
	4-WIRE 19.2, 56 OR 64 KBPS DIGITAL GRADE LOOP														
	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 1		1	NTCUD	UDL2X	29.93	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone 2		2	NTCUD	UDL2X	33.99	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 2.4 Kbps - Zone3		3	NTCUD	UDL2X	34.74	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 4.8 Kbps -Zone 1		1	NTCUD	UDL4X	29.93	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 2		2	NTCUD	UDL4X	33.99	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 4.8 Kbps - Zone 3		3	NTCUD	UDL4X	34.74	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 9.6 Kbps - Zone 1		1	NTCUD	UDL9X	29.93	126.66	89.12	59.35	14.61					
	5 Wire Unbundled Digital Loop 9.6 Kbps - Zone 2		2	NTCUD	UDL9X	33.99	126.66	89.12	59.35	14.61					
	6 Wire Unbundled Digital Loop 9.6 Kbps - Zone 3		3	NTCUD	UDL9X	34.74	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital 19.2 Kbps - Zone 1		1	NTCUD	UDL19	29.93	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital 19.2 Kbps - Zone 2		2	NTCUD	UDL19	33.99	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital 19.2 Kbps - Zone 3		3	NTCUD	UDL19	34.74	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1		1	NTCUD	UDL56	29.93	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 56 Kbps - Zone 2		2	NTCUD	UDL56	33.99	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 56 Kbps - Zone 3		3	NTCUD	UDL56	34.74	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 64 Kbps - Zone 1		1	NTCUD	UDL64	29.93	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2		2	NTCUD	UDL64	33.99	126.66	89.12	59.35	14.61					
	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3		3	NTCUD	UDL64	34.74	126.66	89.12	59.35	14.61					
	Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)			NTCUD	URES		24.88	3.51							
	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per DS0)			NTCUD	URES		26.37	4.99							
	CLEC to CLEC Conversion Charge without outside dispatch			NTCUD	UREWO		102.34	49.85							
	Order Coordination for Specified Conversion Time (per LSR)			NTCVG, NTCUD, NTCD1	OCOSL		18.13								
LINE SPLITTING															
	2-WIRE ANALOG VOICE GRADE LOOP														
	2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 1		1	UEPSR UEPSB	UEALS	14.94	37.92	17.62	23.56	5.32					
	2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 1		1	UEPSR UEPSB	UEABS	14.94	37.92	17.62	23.56	5.32					
	2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2		2	UEPSR UEPSB	UEALS	21.39	37.92	17.62	23.56	5.32					
	2 Wire Analog Voice Grade Loop- Service Level 1-Line Splitting-Zone 2		2	UEPSR UEPSB	UEABS	21.39	37.92	17.62	23.56	5.32					
	2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3		3	UEPSR UEPSB	UEALS	26.72	37.92	17.62	23.56	5.32					
	2 Wire Analog Voice Grade Loop-Service Level 1-Line Splitting-Zone 3		3	UEPSR UEPSB	UEABS	26.72	37.92	17.62	23.56	5.32					
ADDITIONAL NETWORK ELEMENTS															
				UNCVX, U1TVX, UNCDX, U1TDX, UNC1X, U1TD1,UNC3X, U1TD3, UNCSX, U1TS1, UDF,UDFCX	UNCCC		5.61	5.61							
	Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, per circuit (LSR)	i		U1TVX, U1TDX, U1TD1, U1TD3, U1TS1, UDF, UE3	URES		40.27	13.52							
	Unbundled Misc Rate Element, SNE SAI, Single Network Element - Switch As Is Non-recurring Charge, incremental charge per circuit on a spreadsheet	i		U1TVX, U1TDX, U1TD1, U1TD3, U1TS1, UDF, UE3	URES		23.80	12.11							
COMMINGLING															

UNBUNDLED NETWORK ELEMENTS - South Carolina											Attachment: 2 Exh A					
CATEGORY	RATE ELEMENTS		Interim	Zone	BCS	USOC	RATES(\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l
							Rec	Nonrecurring		Nonrecurring Disconnect		OSS Rates(\$)				
								First	Add'l	First	Add'l	SOME C	SOMAN	SOMAN	SOMAN	SOMAN
		Commingling Authorization			UNCVX, UNCDX, UNC1X, UNC3X, UNCSX, U1TD1, U1TD3, U1TS1, UE3, UDLSX, U1TVX, U1TDX, U1TUB, ULDVX, ULDD1, ULDD3, ULDS1	CMGAU	0.00	0.00	0.00	0.00	0.00					
		Commingled (UNE part of single bandwidth circuit)														
		Commingled VG COCI			XDV2X, NTCVG	1D1VG	0.56	6.59	4.73							
		Commingled Digital COCI			XDV6X, NTCUD	1D1DD	1.19	6.59	4.73							
		Commingled ISDN COCI			XDD4X	UC1CA	2.56	6.59	4.73							
		Commingled 2-wire VG Interoffice Channel Facility Termination			XDV2X	U1TV2	24.30	40.63	27.47	16.77	6.91					
		Commingled 4-wire VG Interoffice Channel Facility Termination			XDV6X	U1TV4	21.29	40.63	27.47	16.77	6.91					
		Commingled 56kbps Interoffice Channel Facility Termination			XDD4X	U1TD5	16.76	40.63	27.47	16.77	6.91					
		Commingled 64kbps Interoffice Channel Facility Termination			XDD4X	U1TD6	16.76	40.63	27.47	16.77	6.91					
		Commingled VG/DS0 Interoffice Channel per mile			XDV2X, XDV6X, XDD4X	1L5XX	0.0167									
		Commingled 2-wire Local Loop Zone 1		1	XDV2X	UEAL2	16.68	105.98	68.43	53.05	10.61					
		Commingled 2-wire Local Loop Zone 2		2	XDV2X	UEAL2	23.13	105.98	68.43	53.05	10.61					
		Commingled 2-wire Local Loop Zone 3		3	XDV2X	UEAL2	28.46	105.98	68.43	53.05	10.61					
		Commingled 4-wire Local Loop Zone 1		1	XDV6X	UEAL4	32.59	132.38	94.83	59.35	14.61					
		Commingled 4-wire Local Loop Zone 2		2	XDV6X	UEAL4	43.89	132.38	94.83	59.35	14.61					
		Commingled 4-wire Local Loop Zone 3		3	XDV6X	UEAL4	43.38	132.38	94.83	59.35	14.61					
		Commingled 56kbps Local Loop Zone 1		1	XDD4X	UDL56	29.93	126.66	89.12	59.35	14.61					
		Commingled 56kbps Local Loop Zone 2		2	XDD4X	UDL56	33.99	126.66	89.12	59.35	14.61					
		Commingled 56kbps Local Loop Zone 3		3	XDD4X	UDL56	34.74	126.66	89.12	59.35	14.61					
		Commingled 64kbps Local Loop Zone 1		1	XDD4X	UDL64	29.93	126.66	89.12	59.35	14.61					
		Commingled 64kbps Local Loop Zone 2		2	XDD4X	UDL64	33.99	126.66	89.12	59.35	14.61					
		Commingled 64kbps Local Loop Zone 3		3	XDD4X	UDL64	34.74	126.66	89.12	59.35	14.61					
		Commingled ISDN Local Loop Zone 1		1	XDD4X	U1L2X	25.21	117.58	80.03	53.05	10.61					
		Commingled ISDN Local Loop Zone 2		2	XDD4X	U1L2X	32.76	117.58	80.03	53.05	10.61					
		Commingled ISDN Local Loop Zone 3		3	XDD4X	U1L2X	37.70	117.58	80.03	53.05	10.61					
		Commingled DS1 COCI			XDH1X, NTCDD1	UC1D1	8.64	6.59	4.73							
		Commingled DS1 Interoffice Channel Facility Termination			XDH1X	U1TF1	77.14	89.47	81.99	16.39	14.48					
		Commingled DS1 Interoffice Channel per mile			XDH1X	1L5XX	0.3415									
		Commingled DS1/DS0 Channel System			XDH1X	MQ1	107.57	91.24	62.71	10.56	9.81					
		Commingled DS1 Local Loop Zone 1		1	XDH1X	USLXX	79.51	253.03	157.89	44.80	11.73					
		Commingled DS1 Local Loop Zone 2		2	XDH1X	USLXX	136.00	253.03	157.89	44.80	11.73					
		Commingled DS1 Local Loop Zone 3		3	XDH1X	USLXX	229.15	253.03	157.89	44.80	11.73					
		Commingled DS3 Local Loop Facility Termination			HFQC6	UE3PX	306.36	452.52	264.53	119.75	83.77					
		Commingled DS3/STS-1 Local Loop per mile			HFQC6, HFRST	1L5ND	12.26									
		Commingled STS-1 Local Loop Facility Termination			HFRST	UDLS1	313.49	452.52	264.53	119.75	83.77					
		Commingled DS3/DS1 Channel System			HFQC6	MQ3	144.02	178.54	94.18	33.33	31.90					
		Commingled DS3 Interoffice Channel Facility Termination			HFQC6	U1TF3	880.65	279.37	163.12	60.33	58.59					
		Commingled DS3 Interoffice Channel per mile			HFQC6	1L5XX	8.02									
		Commingled STS-1 Interoffice Channel Facility Termination			HFRST	U1TFS	880.55	279.37	163.12	60.33	58.59					
		Commingled STS-1 Interoffice Channel per mile			HFRST	1L5XX	8.02									
		Commingled Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof			HEQDL	1L5DF	36.41									
		Commingled Dark Fiber - Interoffice Transport, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof			HEQDL	UDF14		640.51	138.17	317.76	198.11					